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L2      264 L1

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      101454 FUNGICIDES/IT
L3      177 L2 AND FUNGICIDES/IT

=> s l3 and (py<2004 or ay<2004 or pry<2004)
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      4285777 PRY<2004
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      40047 SPORE
      (SPORE OR SPORES)
      66459 GERMINAT?
      7275 SPORE GERMINAT?
      (SPORE(W)GERMINAT?)
L5      0 L4 AND (SPORE GERMINAT?)

=> s l4 and spore?
      40484 SPORE?
L6      0 L4 AND SPORE?

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      17095 MYCELIUM
      30 MYCELIUMS
      9522 MYCELIA
      2 MYCELIAS
      24491 MYCELIUM
      (MYCELIUM OR MYCELIUMS OR MYCELIA OR MYCELIAS)
      10538 MYCELIAL
      2 MYCELIALS
      10539 MYCELIAL
      (MYCELIAL OR MYCELIALS)
L7      1 L4 AND (MYCELIUM OR MYCELIAL)

L7  ANSWER 1 OF 1  HCAPLUS  COPYRIGHT 2009 ACS on STN
TI  SZX 722: a novel systemic oomycete fungicide
AB  SZX 722 (iprovalicarb) is a new fungicide for the control of
    diseases caused by Oomycetes. This paper describes its chemical
    properties, mode of action, fungicidal spectrum of activity and
    performance in the field. The compound inhibits the growth of the
    germ tubes of zoospores and sporangia, the growth of mycelium and
    the sporulation of oomycete fungi, leading to strong protective,
    curative and eradivative efficacy. SZX 722 has systemic
    properties and is distributed throughout the plant by the
    transpiration stream. It does not show cross resistance to
    specific oomycete compds. such as metalaxyl or cymoxanil,
    indicating a different mode of action. SZX 722 is especially
    active against Plasmopara viticola on grape, with excellent
    activity on leaves as well as on bunches. The compound also
    controls Phytophthora infestans on potato and tomato and is highly

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active against other oomycete pathogens on vegetables e.g. Pseudoperonospora cubensis on cucumber and blue mold (Peronospora tabacina) on tobacco. SZX 722 is currently under development for the control of soil-borne Phytophthora diseases e.g. on tobacco, citrus and other crops. A number of combination products (e.g. with contact fungicides such as folpet, propineb, mancozeb, or tolylfluanid) are being developed to provide a broad spectrum of activity under the various growing conditions of the different target crops and good anti-resistance management.

ACCESSION NUMBER: 1999:517213 HCAPLUS Full-text
DOCUMENT NUMBER: 131:195714
TITLE: SZX 722: a novel systemic oomycete fungicide
AUTHOR(S): Stenzel, K.; Pontzen, R.; Seitz, T.; Tiemann, R.;
Witzenberger, A.
CORPORATE SOURCE: Bayer AG, Crop Protection Business Group,
Agricultural
Centre Monheim, Leverkusen, D-51368, Germany
SOURCE: Brighton Crop Protection Conference--Pests and
Diseases (1998), (vol. 2), 367-374
CODEN: BCPDED; ISSN: 0955-1506
PUBLISHER: British Crop Protection Council
DOCUMENT TYPE: Journal
LANGUAGE: English
CC 5-2 (Agrochemical Bioregulators)
IT Fungicides
(agrochem., systemic; SZX 722 as a systemic Oomycetes fungicide)
IT 140923-17-7, SZX 722:
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(SZX 722 as a systemic Oomycetes fungicide)
OS.CITING REF COUNT: 9 THERE ARE 9 CAPLUS RECORDS THAT CITE THIS
RECORD
(9 CITINGS)

L1 1 S E3

FILE 'HCAPLUS' ENTERED AT 14:46:06 ON 10 NOV 2009

L2 264 S L1

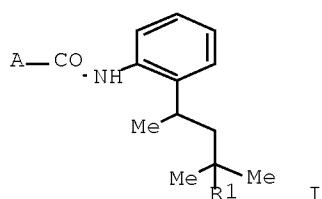
L3 177 S L2 AND FUNGICIDES/IT

L4 44 S L3 AND (PY<2004 OR AY<2004 OR PRY<2004)

L4 ANSWER 5 OF 44 HCAPLUS COPYRIGHT 2009 ACS on STN

TI Synergistic fungicidal combinations comprising a carboxamide
derivative

GI



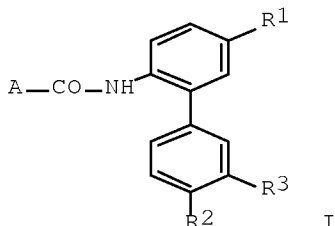
AB Synergistic fungicidal combinations comprise a carboxamide derivative I [R1 = H, halo or (halo)alkyl; R1 = (un)substituted Ph, furyl, pyridinyl, etc.] and any of a very large number of known fungicides.

ACCESSION NUMBER: 2005:405320 HCAPLUS Full-text
DOCUMENT NUMBER: 142:425351
TITLE: Synergistic fungicidal combinations comprising
a
carboxamide derivative
INVENTOR(S): Wachendorff-Neumann, Ulrike; Dahmen, Peter;
Dunkel,
Ralf; Elbe, Hans-Ludwig; Rieck, Heiko; Sutý-
Heinze,
Anne
PATENT ASSIGNEE(S): Bayer Cropscience Aktiengesellschaft, Germany
SOURCE: PCT Int. Appl., 126 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005041653	A2	20050512	WO 2004-EP11403	
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WO 2005041653	A3	20050728		
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RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO,			

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 SN, TD, TG

L4 ANSWER 6 OF 44 HCAPLUS COPYRIGHT 2009 ACS on STN
 TI Synergistic fungicidal combinations comprising carboxamide
 derivatives
 GI

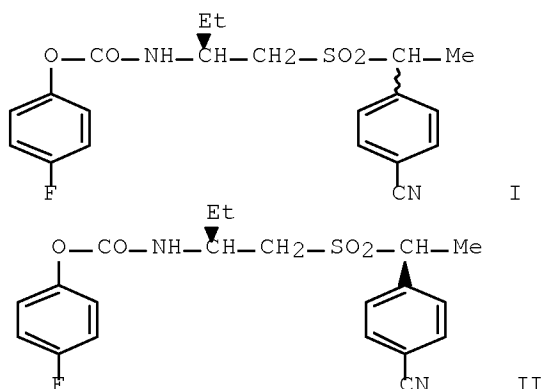


AB Synergistic fungicidal mixts. comprise a carboxamide derivative I
 [R1= H or F; R2 = halo, (halo)alkyl or (halo)alkoxy; , R3 = H,
 halo or (halo)alkyl; A = (un)substituted Ph, imidazolyl,
 thiazolyl, etc.] and any of 22 groups of known fungicides.

ACCESSION NUMBER: 2005:346774 HCAPLUS Full-text
 DOCUMENT NUMBER: 142:387616
 TITLE: Synergistic fungicidal combinations comprising
 carboxamide derivatives
 INVENTOR(S): Wachendorff-Neumann, Ulrike; Dahmen, Peter;
 Dunkel,
 Ralf; Elbe, Hans-Ludwig; Suty-Heinze, Anne;
 Rieck,
 Heiko
 PATENT ASSIGNEE(S): Bayer Cropscience Aktiengesellschaft, Germany
 SOURCE: PCT Int. Appl., 141 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

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WO 2005034628	A1	20050421	WO 2004-EP10830	
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 IN 2004-DE1737 A3
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 WO 2004-EP10830 W
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 L4 ANSWER 11 OF 44 HCAPLUS COPYRIGHT 2009 ACS on STN
 TI Synergistic compositions useful as fungicides
 GI



AB The compns. comprise aminosulfones (I) or (II) and at least one other fungicide are provided.

ACCESSION NUMBER: 2004:513448 HCAPLUS [Full-text](#)

DOCUMENT NUMBER: 141:49004

TITLE: Synergistic compositions useful as fungicides

INVENTOR(S): Owen, William John; Huang, Zhengyu

PATENT ASSIGNEE(S): Dow Agrosciences Llc, USA

SOURCE: PCT Int. Appl., 55 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

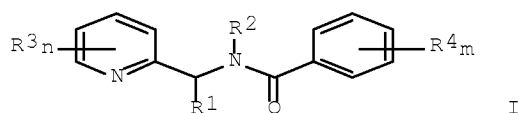
FAMILY ACC. NUM. COUNT: 1

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 EP 1569518 A1 20050907 EP 2003-812880
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 JP 2006525954 T 20061116 JP 2005-508507
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 NZ 540111 A 20080430 NZ 2003-540111
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 ES 2304549 T3 20081016 ES 2003-812880
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 MX 2005005982 A 20050819 MX 2005-5982
 20050603 <--
 US 20060153933 A1 20060713 US 2005-538244
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 US 2003-456296P P
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 US 2003-464230P P
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 US 2003-474004P P
 20030529 <--
 WO 2003-US39036 W
 20031205 <--

L4 ANSWER 17 OF 44 HCAPLUS COPYRIGHT 2009 ACS on STN
 TI Synergistic fungicidal composition comprising
 pyridylmethylbenzamide and
 valinamide derivatives
 GI



AB Synergistic fungicidal compns. comprise a pyridylmethylbenzamide
 derivative I [R1 = H, (un)substituted alkyl or acyl; R2 = H or

(un)substituted alkyl; R3, R4 = halo, OH, CN, NO2, etc.; m, n = 0, 1-4] and a valinamide derivative, preferably iprovalicarb and N1-[(R)-1-(6-fluoro-2-benzothiazolyl)ethyl]-N2- isopropoxycarbonyl-L-valinamide.

ACCESSION NUMBER: 2003:378633 HCAPLUS Full-text
DOCUMENT NUMBER: 138:350011
TITLE: Synergistic fungicidal composition comprising pyridylmethylbenzamide and valinamide derivatives
INVENTOR(S): Wegmann, Thomas; Mercer, Richard
PATENT ASSIGNEE(S): Aventis CropScience SA, Fr.
SOURCE: Fr. Demande, 26 pp.
CODEN: FRXXBL
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2832031	A1	20030516	FR 2001-14692	
20011114 <--				
CA 2463718	A1	20030522	CA 2002-2463718	
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WO 2003041501	A1	20030522	WO 2002-EP13490	
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RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2002363604	A1	20030526	AU 2002-363604	
20021113 <--				
EP 1443821	A1	20040811	EP 2002-790457	
20021113 <--				
EP 1443821	B1	20061115		

L5 0 S L4 AND (SPORE GERMINAT?)
L6 0 S L4 AND SPORE?
L7 1 S L4 AND (MYCELIUM OR MYCELIAL)

L8 0 S L4 AND GERMINAT?

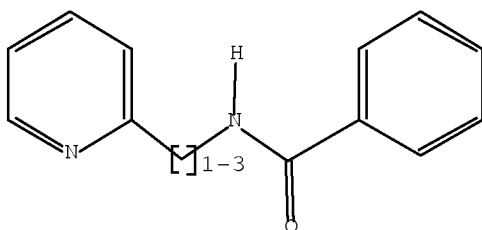
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L10 50 S L9 SSS SAM

L11 7200 S L9 SSS FULL

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L18 3371 S L17 AND (SYNERGY OR SYNERGISTIC)
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